**FINAL EVALUATION OF GENERATED XML: Assessment of Coding of OPP Metabolism Data – Plant**

Chemical: **Active substance**

**StudyReference\_activesubstance\_p\_crop\_vX.xml**

Importation MDB = Yes/No

Correlation of metabolites in the tree with each treatment group = Yes/No

Render = Yes/No

MSS composer validated = Yes/No

**Legend:**

*Applicant Updates requested*

Modifications made by RMS

|  |
| --- |
| **Mandatory fields in the MSS/DER composers** |
| Not mandatory fields |
| Mandatory fields |

|  |  |
| --- | --- |
|  | **RMS comments** |
| **I. GENERAL INFORMATION** |  |
| **References** |  |
| Author |  |
| Date |  |
| Study title |  |
| Pages |  |
| Reference type |  |
| Testing laboratory |  |
| Company study number |  |
| Identifiers [related to the study references]: |  |
| - MRID Number |  |
| - PMRA Number |  |
| - Other |  |
| **Test Material** |  |
| **Identifiers** [related to the test material]: |  |
| - PARAM code |  |
| - PC code |  |
| - Other |  |
| **Guidelines** |  |
| **GLP** |  |
| **Acceptability** |  |
| **Background information** (free text) |  |
| **Evaluators:** |  |
| - Evaluator name |  |
| - Evaluator affiliation |  |
| **Product type** |  |
| **Product use** |  |
| **Executive summary** (free text) |  |
| **II. MATERIALS AND METHODS** |  |
| **A. MATERIALS** |  |
| **1. Test Material** |  |
| Common name |  |
| CAS Chemical Name |  |
| CAS no. |  |
| Company experimental name |  |
| Other synonyms (if applicable) |  |
| Molecular Formula |  |
| Analytical Purity |  |
| Impurities: |  |
| Physical State | |  |
| Stability Under Test Conditions | |  |
| Expiration Date | |  |
| Lot/Batch # | |  |
| **Radiolabeled test material** | |  |
| Radiochemical purity | |  |
| Specific activity as received: | |  |
| Specific activity of dose: | |  |
| Structure | |  |
| **Physicochemical Properties** | |  |
| Melting point/range | |  |
| pH | |  |
| Density | |  |
| Water solubility ( °C) | |  |
| Solvent solubility (mg/L at °C) | |  |
| Vapour pressure at °C | |  |
| Dissociation constant (pKa) | |  |
| Octanol/water partition coefficient Log(Kow) | |  |
| UV/visible absorption spectrum | |  |
| **2. Test Crops** | |  |
| Crop/Crop Group | |  |
| Variety | |  |
| Growth Stage at Application | |  |
| Growth Stage at Harvest | |  |
| Harvested Commodities | |  |
| Harvesting Procedure | |  |
| **Test site type** | |  |
| **3. Soil Type** | |  |
| Soil Type | |  |
| pH | |  |
| OM % | |  |
| Sand % | |  |
| Silt % | |  |
| Clay % | |  |
| Moisture Holding Capacity (at 1/3 bar) | |  |
| CEC mg/100g | |  |
| **Environmental conditions** | |  |
| Temperature | |  |
| Rainfall | |  |
| Lighting | |  |
| Potential for degradation of the substance | |  |
| **B. STUDY DESIGN** | |  |
| **Experimental conditions** (free text) | |  |
| **Use pattern information** | |  |
| Chemical name | |  |
| Application method | |  |
| Application rate | |  |
| Number of applications | |  |
| Timing of applications | |  |
| PHI | |  |
| **Sampling** (free text) | |  |
| **Extraction and analysis** (flowcharts) | |  |
| **Extraction and Analysis** (free text) | |  |
| **Identification and Characterization** (free text) | |  |
| **III. RESULTS AND DISCUSSION** | |  |
| **A. TOTAL RADIOACTIVE RESIDUES** | |  |
| Recovered equivalents | |  |
| Overall extraction efficiency | |  |
| Defined residue | |  |
| Defined residue extraction efficiency | |  |
| **Quantitation** (free text) | |  |
| **TRR in matrices** | |  |
| Matrix | |  |
| Timing and application | |  |
| Preharvest Interval (days) | |  |
| % TRR | |  |
| ppm | |  |
| **B. EXTRACTION, CHARACTERIZATION, AND DISTRIBUTION OF RESIDUES** | |  |
| **Distribution of the parent and Metabolites in Plant Matrices** | |  |
| **C. STORAGE STABILITY OF RESIDUES** | |  |
| **Storage stability of residues** (free text) | |  |
| **Summary of storage conditions** | |  |
| Matrix (RAC or extract) | |  |
| Storage temperature (°C) | |  |
| Actual storage duration (Days or Months) | |  |
| Interval of Demonstrated storage stability (days/months) | |  |
| **D. IDENTITY OF RESIDUES IN CROP** | |  |
| **Summary of characterization and identification of radioactive residues in plant matrices** | |  |
| **E. PROPOSED METABOLIC PATHWAY** | |  |
| **IV. CONCLUSIONS** | |  |
| **Conclusion** (free text) | |  |
| **References** (free text) | |  |
| **V. APPENDIX** | |  |
| **Appendix 1** | |  |
| Test# | |  |
| Number | |  |
| Application Method | |  |
| Application Rate | |  |
| Number of Applications | |  |
| PHI | |  |
| Matrix | |  |
| Experimental descriptor | |  |
| Remarks | |  |
| Citation | |  |
| RLMT | |  |
| Test crop | |  |
| Soil type | |  |
| **Appendix 2** | |  |
| ID | |  |
| Common name/Code | |  |
| Chemical name | |  |
| SMILES | |  |
| Parent(s) | |  |
| Expertise | |  |
| **Appendix 3** | |  |
| **VI. ATTACHMENTS** | |  |